

# SEQUENCE LISTING

<110> Walther, Frans J., et al.

<120> Respiratory Distress Syndrome Therapy with Peptide Analogs of Human SP-B

<130> 13361.4010 Harbor UCLA

<140>

<141>

<160> 4

<170> PatentIn version 3.0

<210> 1

<211> 79

<212> PRT

<213> Homo sapiens

<400> 1

```

Phe Pro Ile Pro Leu Pro Tyr Cys Trp Leu Cys Arg Ala Leu Ile Lys
1          5          10          15
Arg Ile Gln Ala Met Ile Pro Lys Gly Ala Leu Ala Val Ala Val Ala
          20          25          30
Gln Val Cys Arg Val Val Pro Leu Val Ala Gly Gly Ile Cys Gln Cys
          35          40          45
Leu Ala Glu Arg Tyr Ser Val Ile Leu Leu Asp Thr Leu Leu Gly Arg
          50          55          60
Met Leu Pro Gln Leu Val Cys Arg Leu Val Leu Arg Cys Ser Met
65          70          75

```

<210> 2

<211> 25

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Native Human SP-B 1-25

<400> 2

Phe Pro Ile Pro Leu Pro Tyr Cys Trp Leu Cys Arg Ala Leu Ile Lys  
1 5 10 15

Arg Ile Gln Ala Met Ile Pro Lys Gly  
20 25

<210> 3

<211> 25

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)..(11)

<223> SP-B 1-25 (Cys-11 > Ala-11) variant monomer

<400> 3

Phe Pro Ile Pro Leu Pro Tyr Cys Trp Leu Ala Arg Ala Leu Ile Lys  
1 5 10 15

Arg Ile Gln Ala Met Ile Pro Lys Gly  
20 25

<210> 4

<211> 25

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)..(11)

<223> SP-B 1-25 (Cys-11 > Ala-11) variant

<220>

<221> misc\_feature

<222> (8)..(8)

<223> Peptide crosslinked through cysteine sulphhydryl to form homodimer

<400> 4

Phe	Pro	Ile	Pro	Leu	Pro	Tyr	Cys	Trp	Leu	Ala	Arg	Ala	Leu	Ile	Lys
1				5					10					15	
Arg	Ile	Gln	Ala	Met	Ile	Pro	Lys	Gly							
		20						25							